

**Table C-61. Federal obligations for research performed at universities and colleges
in physical and environmental sciences, by selected agency and
detailed field of science: fiscal year 1999**

[Dollars in thousands]

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,322,760	196,996	380,705	628,655	116,404	696,105	202,584	143,948	240,596	108,977
Departments:										
Department of Agriculture, total	22,471	0	22,316	155	0	1,889	1,731	158	0	0
Agricultural Research Service	3,261	0	3,106	155	0	211	205	6	0	0
Cooperative State Research, Education, & Extension Service	19,060	0	19,060	0	0	1,090	1,090	0	0	0
Forest Service	150	0	150	0	0	588	436	152	0	0
Department of Defense, total	103,477	2,117	36,606	58,948	5,806	87,671	13,863	2,431	69,332	2,045
Department of the Air Force	24,483	0	11,875	12,532	76	0	0	0	0	0
Department of the Army	9,422	0	4,521	4,431	470	8,522	6,731	906	0	885
Department of the Navy	26,501	0	8,944	12,297	5,260	68,970	4,870	0	62,940	1,160
Defense Agencies, total	43,071	2,117	11,266	29,688	0	10,179	2,262	1,525	6,392	0
Ballistic Missile Defense Org	4,592	0	627	3,965	0	0	0	0	0	0
Defense Adv Rsch Projects Agcy	9,712	0	0	9,712	0	0	0	0	0	0
Washington Headquarters Svcs	28,767	2,117	10,639	16,011	0	10,179	2,262	1,525	6,392	0
Department of Energy	330,919	0	51,205	279,249	465	67,964	21,165	28,064	2,905	15,830
Dept of Health & Human Svcs, total	116,772	0	112,769	4,003	0	20,879	0	0	0	20,879
National Institutes of Health	116,772	0	112,769	4,003	0	20,879	0	0	0	20,879
Other agencies:										
National Aeronautics & Space Admin	311,759	154,015	15,426	117,193	25,125	182,833	91,177	24,300	8,491	58,865
National Science Foundation	437,362	40,864	142,383	169,107	85,008	334,869	74,648	88,995	159,868	11,358

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 97 percent of total Federal research obligations to universities and colleges in fiscal year 1999.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001